

0 We Claim:

1. A multi-plate extrusion die for producing a multi-component extrusion having an upstream and a downstream direction, comprising:

5 a primary aperture extending in the downstream direction for a primary extrudate fed from a primary extruder, the primary extrudate being formed by the primary aperture into substantially a final shape of the multi-component extrusion, the primary extrudate having
10 a prong mounting face and having a non-prong surface,

a base capstocking conduit for a capstocking extrudate fed from a capstocking extruder where the base capstocking conduit joins with the primary aperture and applies a base capstocking layer on the prong mounting
15 face of the primary extrudate,

a prong capstocking conduit for the capstocking extrudate fed from the capstocking extruder, where the prong capstocking conduit forms a prong and where the prong capstocking conduit joins with the primary
20 aperture downstream of the base capstocking conduit and attaches a base end of the prong to the base capstocking layer on the prong mounting face of the primary extrudate.

25 2. The multi-plate extrusion die of claim 1, wherein the base capstocking conduit joins with the primary aperture and applies the capstocking layer on the non-prong portion of the primary extrudate.

30 3. The multi-plate extrusion die of claim 1, further comprising,

a surface capstocking conduit joins with the primary aperture and applies the capstocking extrudate to the non-prong surface of the primary extrudate.

- 0 4. The multi-plate extrusion die of claim 1, wherein
the primary extrudate is a thermoplastic resin formed
into a hollow, thin walled extrusion.
- 5 5. The multi-plate extrusion die of claim 4, wherein
the thermoplastic resin is PVC resin.
6. The multi-plate extrusion die of claim 1, wherein
the primary extrudate is a foamed thermoplastic resin.
- 10 7. The multi-plate extrusion die of claim 6, wherein
the thermoplastic resin is a foamed PVC resin.
8. The multi-plate extrusion die of claim 6, wherein
the thermoplastic resin is a foamed SAN resin.
- 15 9. The multi-plate extrusion die of claim 1, wherein
the capstocking extrudate is a PVC resin.
10. A method for producing a multi-component extrusion,
20 comprising:
forming a primary extrudate within a multi-plate
extrusion die fed from a primary extruder into a
substantially final shape of the multi-component
extrusion, such primary extrudate having a prong
25 mounting face and having a non-prong surface,
applying a base capstocking layer of a capstocking
extrudate on the prong mounting face of the primary
extrudate within the multi-plate extrusion die with a
capstocking extruder,
30 forming a prong within the multi-plate extrusion
die of capstocking extrudate from a capstocking
extruder,
attaching the prong to the base capstocking layer
within the multi-plate extrusion die.

- 0 11. The method of claim 10, wherein the primary
extrudate is a thermoplastic resin and is formed into a
hollow, thin walled extrusion.
12. The method of claim 10, wherein the thermoplastic
5 resin is a PVC resin.
13. The method of claim 10, wherein the primary
extrudate is a foamed thermoplastic resin and is formed
into a solid extrusion.
- 10 14. The method of claim 13, wherein the foamed
thermoplastic resin is foamed SAN resin.
- 15 15. The method of claim 14, wherein the foamed
thermoplastic resin is foamed PVC resin.
16. The method of claim 10, wherein the capstocking
extrudate is a PVC resin.
- 20 17. The method of claim 10, further comprising applying
a capstocking layer of the capstocking extrudate to the
non-prong surface of the primary extrudate within the
multi-plate extrusion die with the capstocking extruder.
- 25 18. A multi-component extrusion having a snap-in
connector prong, comprising:
a primary extrudate of a predetermined shape having
a prong mounting face and a non-prong surface,
a base capstocking layer formed of a capstocking
30 extrudate on the prong mounting face of the primary
extrudate,
a prong for use as a snap-in connector where the
prong is formed of the capstocking extrudate and is
attached to the base capstocking layer.

- 0 19. The multi-component extrusion of claim 18, wherein
the primary extrudate is a hollow, thin walled extrusion
formed of thermoplastic resin.
20. The multi-component extrusion of claim 19, wherein
5 the thermoplastic resin is a PVC resin.
21. The multi-component extrusion of claim 18, wherein
the primary extrudate is a solid foamed extrusion formed
from a foamed thermoplastic resin.
- 10 22. The multi-component extrusion of claim 21, wherein
the foamed thermoplastic resin is foamed SAN resin.
23. The multi-component extrusion of claim 22, wherein
15 the foamed thermoplastic resin is foamed PVC resin.
24. The multi-component extrusion of claim 18, wherein
the capstocking extrudate is a PVC resin.
- 20 25. The multi-component extrusion of claim 18, further
comprising a second prong for use as the snap-in
connector where the second prong is formed of the
capstocking extrudate and is attached to the base
capstocking layer.